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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/849,401	O P E 05/19/2004 AUG 19 2004 PATENT & TRADEMARK OFFICE STC:105	Cheng-Hsiung Kuo	TSMC2003-0839(N1280-00090)

Howard Chen
 Duane Morris LLP
 Suite 2000
 One Market, Spear Tower
 San Francisco, CA 94105-1104

RECEIVED

JUL 22 2004

DUANE MORRIS

CONFIRMATION NO. 6971
FORMALITIES LETTER



OC000000013279260

Date Mailed: 07/20/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$130** for a Large Entity

- **\$130** Late oath or declaration Surcharge.

Items Required To Avoid Processing Delays:

The item(s) indicated below are also required and should be submitted with any reply to this notice to avoid further processing delays.

- A new oath or declaration, identifying this application number is required. The oath or declaration does not comply with 37 CFR 1.63 in that it:
 - does not identify the residence (e.g., city and either state or foreign country) of each inventor.
 - does not identify the complete mailing or post office address of each inventor.
 - does not identify the citizenship of each inventor.

08/20/2004 BABRAHAI 00000040 041679 10849401

01 FC:1051 130.00 DA

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.



Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

**TRANSMITTAL
FORM**

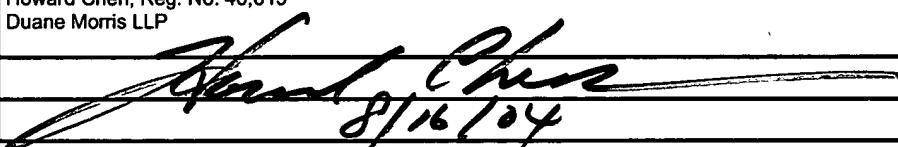
(to be used for all correspondence after initial filing)

		Application Number	10/849,401
		Filing Date	May 19, 2004
		First Named Inventor	Cheng-Hsiung Kuo
		Art Unit	2817
		Examiner Name	Unassigned
Total Number of Pages in This Submission		Attorney Docket Number	TSMC2003-0839(N1280-00090)

ENCLOSURES (Check all that apply)

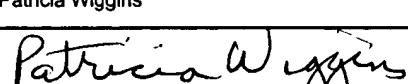
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Return Receipt postcard
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		
Combined Declaration and Power of Attorney		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Howard Chen, Reg. No. 46,615 Duane Morris LLP
Signature	
Date	8/16/04

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Patricia Wiggins	
Signature		Date 8/16/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

AUG 19 2004

PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete if Known

Application Number	10/849,401
Filing Date	May 19, 2004
First Named Inventor	Cheng-Hsiung Kuo
Examiner Name	Unassigned
Art Unit	2817
Attorney Docket No.	TSMC2003-0839(N1280-90)

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None Deposit Account:

Deposit Account Number	04-1679
Deposit Account Name	Duane Morris

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 770	2001 385	Utility filing fee	
1002 340	2002 170	Design filing fee	
1003 530	2003 265	Plant filing fee	
1004 770	2004 385	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 0)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

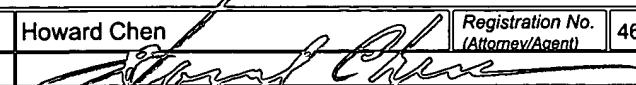
Large Entity	Small Entity	Fee Description	Fee Paid
Total Claims		Extra Claims	Fee from below
Independent Claims		-20** =	X =
Multiple Dependent		-3** =	X =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1202 18	2202 9	Claims in excess of 20	
1201 86	2201 43	Independent claims in excess of 3	
1203 290	2203 145	Multiple dependent claim, if not paid	
1204 86	2204 43	** Reissue independent claims over original patent	
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 0)	

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES	
Large Entity	Small Entity
Fee Code (\$)	Fee Code (\$)
1051 130	2051 65
1052 50	2052 25
1053 130	1053 130
1812 2,520	1812 2,520
1804 920*	1804 920*
1805 1,840*	1805 1,840*
1251 110	2251 55
1252 420	2252 210
1253. 950	2253 475
1254 1,480	2254 740
1255 2,010	2255 1,005
1401 330	2401 165
1402 330	2402 165
1403 290	2403 145
1451 1,510	1451 1,510
1452 110	2452 55
1453 1,330	2453 665
1501 1,330	2501 665
1502 480	2502 240
1503 640	2503 320
1460 130	1460 130
1807 50	1807 50
1806 180	1806 180
8021 40	8021 40
1809 770	2809 385
1810 770	2810 385
1801 770	2801 385
1802 900	1802 900
Other fee (specify) _____	
Reduced by Basic Filing Fee Paid	
SUBTOTAL (3)	
(\$ 130)	

(Complete if applicable)

Name (Print/Type)	Howard Chen	Registration No. (Attorney/Agent)	46,615	Telephone 415-371-2200
Signature			Date	8/16/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PATENT

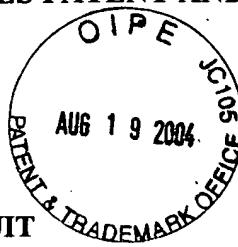
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/849,401

Applicant: Cheng-Hsiung Kuo

Title: REFERENCE SENSING CIRCUIT

Filed: May 19, 2004



Group Art Unit: 2817

Confirmation No.: 6971

Atty. Docket No.: TSMC2003-0839(N1280-00090)

MAILSTOP MISSING PARTS
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P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Dear Sir:

In response to the Notice to File Missing Parts mailed on **July 20, 2004** in the above-referenced application, the applicant submits herewith an executed Combined Declaration and Power of Attorney.

The Commissioner for Patents is hereby authorized to charge any fees or credit any excess payment, which may be associated with this communication to our deposit account **04-1679 (Reference N1280-00090)**.

It is hereby respectfully submitted that the filing of the enclosed document completes the filing of the above-identified patent application.

Respectfully submitted,

Date: 8/6/04

By: Howard Chen

Howard Chen
Attorney for Applicants
Registration No. 46,615

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